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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Complete if Known

Application Number	10/017,111
Filing Date	December 14, 2001
First Named Inventor	Matz
Group Art Unit	3622
Examiner Name	ALVAREZ, Raquel
Attorney Docket Number	BS01372

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		677,209		Chernock et al.	06-1901	
		3,798,610		Bliss et al.	03-19-1974	
		3,886,302		Kosco	05-27-1975	
		4,130,833		Chomet	12-19-1978	
		4,258,386		Cheung	03-24-1981	
		4,361,851		Asip et al.	11-30-1982	
		4,488,179		Kruger et al.	12-11-1984	
		4,566,030		Nickerson et al.	01-21-1986	
		4,567,591		Gray et al.	02-28-1986	
		4,598,288		Yarbrough et al.	07-01-1986	
		4,602,279		Freeman	07-1986	
		4,688,248		Tomizawa	08-18-1987	
		4,689,661		Barbieri et al.	08-25-1987	
		4,697,209		Kiewitt et al.	09-1987	
		4,720,873		Goodman et al.	01-19-1988	
		4,816,904		McKenna et al.	03-28-1989	
		4,890,322		Russell, Jr.	12-26-1989	
		4,912,552		Allison, III. et al.	03-27-1990	
		4,912,552		Allison	03-1990	
		5,010,585		Garcia	04-23-1991	
		5,038,211		Hallenbeck, Peter d.	08-1991	
		5,046,090		Walker et al.	09-03-1991	
		5,046,092		Walker et al.	09-03-1991	
		5,055,924		Skutta	10-08-1991	
		5,173,900		Miller et al.	12-22-1992	
		5,191,645		Carlucci et al.	03-02-1993	
		5,208,665		McCalley et al.	05-04-1993	
		5,247,347		Litteral et al.	09-21-1993	
		5,249,044		VonKohorn	09-28-1993	
		5,251,324		McMullan	10-1993	
		5,287,181		Holman	02-15-1994	
		5,335,277		Harvey et al.	08-02-94	
		5,339,315		Maeda et al.	08-16-1994	
		5,343,240		Yu	08-30-1994	
		5,357,276		Banker et al.	10-18-1994	
		5,374,951		Welsh	12-20-1994	
		5,389,964		Oberle	02-1995	
		5,404,393		Remillard	04-04-1994	
		5,410,344		Graves	04-1995	
		5,446,490		Blahut et al.	08-29-1995	
		5,446,919		Wilkins, Jeff K.	08-1995	
		5,543,911		Levitan	07-1996	
		5,559,548		Davis et al.	09-1996	
		5,585,838		Lawler et al.	12-17-1996	
		5,585,865		Amano	12-1996	
		5,600,364		Hendricks	02-1997	
		5,608,448		Smoral et al.	03-04-1997	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Director:

The Assignee respectfully requests entry and consideration of the references listed on the enclosed PTO 1449 Forms. Because this Supplemental Information Disclosure Statement is submitted after a first office action has issued, the Assignee herewith includes the 37 C.F.R. § 1.17 (p) fee of \$180.

If the Office has any questions, the Office is invited to contact the undersigned at (919) 387-6907 or scott@wzpatents.com.

Respectfully submitted,

Scott P. Zimmerman, Reg. No. 41,390
Attorney for Assignee

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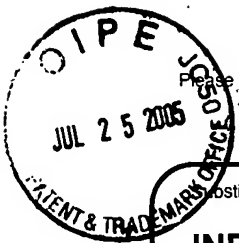
Sheet 2 of 5

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		Number	Kind Code ² (if known)			
		5,619,247		Russo	04-1997	
		5,630,119		Aristides	05-13-1997	
		5,661,516		Carles, John B.	08-1997	
		5,661,516		Carles	08-1997	
		5,698,670		Matty	10-06-1987	
		5,724,521		Dedrick	03-1998	
		5,724,525		Beyers II et al.	03-1998	
		5,752,159		Faust et al.	05-1998	
		5,754,393		Herz	05-1998	
		5,758,257		Herz	05-1998	
		5,758,259		Lawler	05-1998	
		5,774,170		Hite et al.	06-1998	
		5,778,182		Cathey et al.	07-07-1998	
		5,794,210		Goldhaber et al.	08-11-1998	
		5,818,438		Howe	10-06-1998	
		5,838,314		Neel	11-1998	
		5,848,396		Gerace	12-1998	
		5,861,906		Dunn	01-1999	
		5,892,508		Howe	04-06-1999	
		5,892,536		Logan	04-1999	
		5,917,481		Rzeszewski	06/29/1999	
		5,948,061		Merriman et al.	09-07-1999	
		5,973,683		Cragun	10-1999	
		5,983,227		Nazem	11-09-1999	
		6,002,393		Hite	12-1999	
		6,005,597		Barrett	12-1999	
		6,029,045		Alexander	01-2001	
		6,076,094		Cohen	06-13-2000	
		6,100,916		August	08-2000	
		6,119,098		Guyot et al.	09-2000	
		6,172,674		Etheridge	01-09-2001	
		6,185,614		Cuomo	02-2001	
		6,202,210		Ludtke, Harold A.	03-2001	
		6,252,586		Freeman et al.	06-26-2001	
		6,282,713		Kitsukawa	08-2001	
		6,314,568		Ochiai	11-2001	
		6,314,577		Pocock	11-06-2001	
		6,327,574		Kramer et al.	12-2001	
		6,345,256		Milsted et al.	02-2002	
		6,434,747		Khoo et al.	08-2002	
		6,446,261		Rosser, Roy J.	09-2002	
		6,446,261		Rosser	09-2002	
		6,457,010		Eldering	09-2002	
		6,463,468		Buch	10-2002	
		6,463,585		Hendricks et al.	10-2002	



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Sheet 3 of 5

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		Number	Kind Code ² (if known)			
		6,477,704		Cremia	11-2002	
		6,487,538		Gupta et al.	11-2002	
		6,496,818		Ponte	12-2002	
		6,505,348		Knowles	01-2003	
		6,507,839		Ponte	01-2003	
		6,510,417		Woods	01-2003	
		6,631,360		Cook	10-2003	
		6,714,992		Kanojia et al.	03-2004	
		6,718,551		Scott R. Swix et al.	04-06-2004	
		6,845,398		Kanojia et al.	01-2005	
		6,850,988		Reed, David	02-2005	
		US- 2002/0123928		Eldering et al.	09-2002	
		US- 2002/0143647		Headings et al.	10-2002	
		US-2002/0199197		Winter	12-2002	
		US-2003/0067554		Klarfield	04/2003	
		App. 09/799,306		Grauch	01-06-1997	
		App. 10/016,988		Matz	12-14-2001	
		App. 10/017,111		Matz	12-14-2001	
		App. 10/017,630		Swix	12-14-2001	
		App. 10/017,640		Matz	12-14-2001	
		App. 10/017,742		Matz	12-14-2001	
		App. 10/036,677		Swix	12-21-2001	
		App. 10/035,309		Gray	12-21-2003	
		App. 10/037,005		Matz	12-21-2001	
		App. 10/778,345		Swix	02-17-2004	
		App. 10/035,346		Gray	12-21-2003	
		App. 10/036,923		Matz	12-21-2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Offi ce ³	Number ⁴	Kind Code ⁵ (if known)				
			EP 0 424 648A EP 1162840 A2 WO 99 52285A WO 99 04561A WO 99 45702A		Wilson	02-02-1991 12-2001 10-14-1999 01-28-1999 09-10-1999		

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First Named Inventor	Matz
Group Art Unit	3622
Examiner Name	ALVAREZ, Raquel
Attorney Docket Number	BS01372

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		PCT Publication No. WO 94/17609 (Kiehl et al., 08-04-1994)	
		CAULEY, LESLIE, "Microsoft, Baby Bell Form Video Alliance," <u>The Wall Street Journal</u> , September 26, 1994	
		"allNetDevices: - Report: Interactive TV Soon to Become Direct Marketing Tool," allNetDevices, www.devices.internet.com/com/cgi/print/print.cgi?url=http://devices.../report_interactive.html , (11/16/01) pp.1-2.	
		"Liberate Technologies - Solutions," Digital Cable Two-Way, www.solutions.liberate.com/architecture/dc2.html , (11/16/01) p. 1 of 1.	
		"Liberate Technologies - Solutions," Digital Broadband Telco, www.solutions.liberate.com/architecture/db.html , (11/16/01) p. 1 of 1.	
		"Liberate Technologies - Solutions," Liberate Connect Suite, www.solutions.liberate.com/products/connect_suite.html , (11/16/01) pp. 1-2.	
		"Liberate Technologies - Solutions," Liberate imprint Server™, www.solutions.liberate.com/products/imprint_server.html , (11/16/01) p. 1 of 1.	
		"Liberate Technologies - Solutions," Liberate Mediacast Server™, www.solutions.liberate.com/products/mediacast_server.html , (11/16/01) pp.1-2.	
		"Spike High Performance Server Array," Mixed Signals Technologies, Inc., www.mixedsignals.com , itvinfo@mixedsignals.com (2000) p. 1.	
		"power, flexibility, and control," RespondTV, www.respondtv.com/whyrespond.html (11/16/01) pp. 1-2.	
		"It just clicks!," RespondTV, www.respondtv.com/inaction.html , (11/16/01) pp.1-2.	
		"The Wink System," Wink System Diagram, www.wink.com/contents/tech_diagram.html , (11/16/01) p. 1 of 1.	
		"What is Wink?," www.wink.com/contents/whatiswink.html , (11/16/01) p. 1 of 1.	
		"How Wink Works," What is Wink: How wink works, www.wink.com/contents/howitworks.html , (11/16/01) p. 1 of 1.	

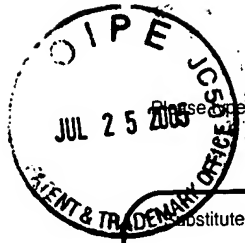
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		"What is Wink: Examples," What is Wink – Examples, www.wink.com/contents/examples.html , (11/16/01) pp. 1-2.	
		"Nielsen Media Research – Who We Are & What We Do," www.nielsenmedia.com/whoweare.html , (10/11/01) pp.1-4.	
		www.actv.com , Screen Print, 10/8/2000	
		"ACTV, Inc. Offers Exclusive Preview of 'Individualized Television' at Official All-Star Café," Business Wire, Sept. 16, 1998.	
		"ACTV's HyperTV & 'Individualized Television' to be Powered by Sun Microsystems' JavaTV Technology," Business Wire, Apr. 21, 1999.	
		Whitaker, Jerry, "Interactive TV: Killer Ap or Technical Curiosity?," Broadcast Engineering, Dec. 1999.	
		Dickson, Glen, "Digital TV gets specifically directed," Broadcasting & Cable, June 5, 2000.	
		Reed, David, "The future is digital," Precision Marketing, v. 13, n.51, pg. 27, Sept. 21, 2001.	

Examiner Signature		Date Considered	
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